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Catalogue of type specimens of Orthoptera (Insecta) deposited in the Staatliches Museum für Naturkunde in Stuttgart. Part 1: Ensifera

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Abstract

This is the first part of a catalogue of the Orthopteran type specimens held in the State Museum of Natural History Stuttgart. The Ensifera collection contains 111 type specimens from 64 taxa. There are 31 holotypes, 44 syntypes, 1 lectotype, and 35 para- and paralectotypes.
Keywords: Orthoptera collection, type specimens, Saltatoria, locusts, crickets, katydids.

Zusammenfassung

Dieser Beitrag ist der erste Teil eines systematischen Katalogs aller im Staatlichen Museum für Naturkunde Stuttgart in der Orthopterensammlung aufbewahrten Typusexemplare. Die Sammlung der Langfühlerschrecken (Saltatoria: Ensifera) enthält 111 Typusexemplare aus 64 Taxa. Davon sind 31 Holotypen, 44 Syntypen, 1 Lectotyp und 35 Para- bzw. Paralectotypen.

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1 Introduction

The insect collection of the State Museum of Natural History in Stuttgart holds about 23500 specimens of Orthoptera. The groups Saltatoria (12000), Dermaptera (5000), Mantodea (3000), Blattodea (3000), and Phasmida (500) contain material from all around the world (estimated numbers of specimens in brackets).

Presently, the Ensifera are represented by 4835 specimens (status in July 2003) plus some drawers containing undetermined material which is not incorporated into the main collection.

The determined specimens belong to Palaearctic (65 %), Ethiopic (17 %), Oriental (9 %), Australian (4 %), and Neotropical species (3 %). Nearctic species are present in only few specimens (about 100).

In comparison with other collections in Germany or foreign countries this cricket and locust collection is rather small, yet it contains some important material. The oldest specimens belonged to the then Königlich-Württembergisches Naturalienkabinett and were collected at the beginning of the 19th century.

There are two important classical scientists and collectors whose material is partially stored in the collection. The first is Karl Ritter Brunner von Wattenwyl (* 13.VI. 1823 in Bern, Switzerland, † 24.VIII. 1914 in Vienna, Austria). The main part of his collection is stored in the Naturhistorisches Museum Wien (Vienna). The second name to mention is Hermann August Krauss (* 1.VIII. 1848 in Austria, † 1937 in Tübingen, Germany). Another Orthopterist who worked on SMNS material was Heinrich Hugo Karny (* 7.X. 1886 near Vienna, † 7.VIII. 1939 near Graz, Austria); he revised the Stenopelmatoidea (syn. Gryllacridoidea) in 1928.

The last scientist who worked on the SMNS collection of Saltatoria was Willi Richter, who was employed at the SMNS as preparator from 1946 to 1961. Later (1982 and 1983) there was the volunteer Sibylle Lantow, who published a list of Gryllidae type specimens (Lantow 1983). Moreover the collection was examined by Peter Detzel, who recorded faunistic data about all species occurring in Baden-Württemberg (Detzel 1998).

In 1999 the first author of the present paper began with modern collection management. However, only when DORSA launched in 2000 as part of the EDIS-Project with funding by the German Federal Ministry of Education and Research (BMBF) a complete and standardised data capture of all type specimens in the SMNS Saltatoria collection was initialised (Riede et al. 2003). Types were photographed and labelled. In addition, the OSF provides valuable information on type depositories.

The SMNS Ensifera collection contains 111 type specimens from 64 taxa. There

are 31 holotypes, 44 syntypes, 1 lectotype, and 35 para- and paralectotypes. According to OSF the holotype of *Eurycorypha aequatorialis* Krauss, 1890 should be stored at SMNS but the specimen was not found and is probably lost. To a certain extent, it is likely again that further type specimens could be hidden among the undetermined material from SMNS.

Abbreviations

BIOLOG	Biodiversity and Global Change
BMBF	Bundesministerium für Bildung und Forschung [German Federal Ministry of Education and Research]
BMNH	Natural History Museum, London, UK
CASS	California Academy of Sciences, San Francisco, USA
DORSA	Deutsche Orthopterensammlungen [German Orthoptera Collections; www.dorsa.de and www.biologie.uni-ulm.de/systax]
EDIS	Entomological Data Information System [www.insects-online.de]
ITZA	Institut voor Taxonomische Zoologie, Zoologisch Museum, Universiteit van Amsterdam, The Netherlands
MCGD	Museo Civico di Storia Naturale 'Giacomo Doria', Genoa, Italy
MHNG	Museum d'Histoire Naturelle, Geneva, Switzerland
MIZT	Museo e Instituto di Zoologia Sistematica dell'Università di Torino, Italy
MNHU	Museum für Naturkunde der Humboldt-Universität, Berlin, Germany
NHMW	Naturhistorisches Museum Wien, Austria
NHRS	Naturhistoriska Riksmuseet Stockholm, Sweden
OSF	Orthopteran Species File [http://140.247.119.145/Orthoptera/]
OXUM	Hope Entomological Collections, Oxford, UK
PANS	Academy of Natural Sciences, Philadelphia, USA
SMNS	Staatliches Museum für Naturkunde Stuttgart, Germany
SYSTAX	Database System for Systematics and Taxonomy at the University of Ulm, Germany [www.biologie.uni-ulm.de/systax]
UCDM	Universidad Complutense de Madrid, Spain
UMOU	University Museum, Oxford University, Oxford, UK
ZIUH	Zoologisches Institut der Martin Luther Universität Halle, Germany

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2 Catalogue

2.1 General remarks

As Häuser et al. (2003) mentioned, it seems that most of the 19th century the insects in the SMNS collection were arranged in a nowadays unsuitable practise. For each taxon represented in the SMNS collection, a large oblong label gave the genus name, and another label had the species epithet and the collecting data. Both were pinned to the bottom of the drawer. The specimens were then placed in the respective drawer below these labels. In later stages of curation and for rearrangement of the collection, the large species labels would be pinned to the first unlabelled specimen. Further ones were sometimes but not always given a handwritten new label repeating the species label data. Due to this practise, there remain quite a few historic specimens in SMNS without any label attached.

In this catalogue the label text is quoted from the original labels as they are pinned to the specimens. Unreadable letters are replaced by "#"; if visible there is one "#" per letter. The authors' annotations are in square brackets "[ ]".

The labels are numbered consecutively for this paper. Information which appears on the reverse side of a label is given after a slash "/". Text returns, colour of the labels and scripture are not given, but a semicolon ";" separates text in cases where it is necessary for a clear comprehension. Subsequent citations are given as quoted in OSF with further supplements, but not exhaustive.

OSF ID: This is the code number of the Orthopteran Species File by Otte et al. (2004). OSF is the current world catalogue of Saltatoria with free access via the World Wide Web. All pictures are now published on digital colour images within SYSTAX.

The systematic classification is in alphabetical order after OSF.

Ten specimens of five taxa in SMNS are labelled as types but are no type specimens:

1 ♀, Labels: 1. "6073. ♂ ♀. *E. Guyoni* Serv. var. *inornatus* Krauss Mecheria Oran. Dr. Vosseler 1892". – 2. "0/46 Holotypus". – 3. "DORSA STeuginoS01".

1 ♂, Labels: 1. "*Eugaster guyoni inornata* Krauss". – 2. "0/47 Allotypus". – 3. "DORSA STeuginoS02".

Despite of the labels "Holotyus" and "Allotypus" there is no valid description for it in Krauss (1893: 96). Hence the name is probably a nomen nudum.

1 ♂, Labels: 1. "*Melidia brunneri* Stal ♂ Type!". – 2. "Gr. Windhoek 7.III.[18]94, Ab#### bei der La##g#". – 3. "Typus". – 4. "DORSA STmelbruS01".

1 ♂, Labels: 1. "*Melidia brunneri* Stal ♂ Type!". – 2. "Gr. Windhoek 7.III.[18]94, Ab#### bei der La##g# / Windhoek S-W-Afr. Sander III/94 9466". – 3. "Paratypoid". – 4. "DORSA STmelbruS02".

This cannot be type material of *Melinda brunneri* Stål, 1876, because the species was described before the two specimens have been collected (Stål 1876: 60). The female holotype of *Melinda brunneri* is located at NHRS.

1 ♂, Labels: 1. "Bolivar Burgos (Ona) 1887". – 2. "*E. seoanei* Bol. Cotype!". – 3. "ex Coll. Dr. H. Krauss Tübingen". – 4. "DORSA STcalseoS01".

1 ♀, Labels: 1. "Bolivar d. d. Tenalara (Segovia) 1887". – 2. "*E. areolaria* Bol. Cotype! ♀". – 3. "1629". – 4. "ex Coll. Dr. H. Krauss Tübingen". – 5. "DORSA STephareS01".

1 ♀, Labels: 1. "Bolivar d. d. Burgos 1887". – 2. "*E. areolaria* Bol. Cotype! ♀". – 3. "ex Coll. Dr. H. Krauss Tübingen". – 4. "DORSA STephareS02".

1 ♂, Labels: 1. "Bolivar d. d. Burgos 1889". – 2. "*E. areolaria* Bol. Cotype! ♂". – 3. "1627". – 4. "ex Coll. Dr. H. Krauss Tübingen". – 5. "DORSA STephareS03".

2 ♂♂, Labels: 1. "Bolivar Talavera d.l. Reina 1887, 1625". – 2. "*Gryllodes littoreus* Bol. Cotype ♂". – 3. "Paratypoid". – 4. "DORSA SGeuglitS01 [SGeuglitS02 respectively]".

Despite of the labels "Cotype" or "Paratypoid" it cannot be type material of the three species of Bolívar. *Ephippiger seoanei* [current classification: *Callicrania seoanei seoanei* (Bolívar, 1876)] was described 11 years before the specimen has been collected (see Bolívar 1876: 187, 197), and also *Ephippigerida areolaria* (Bolívar, 1877) and *Gryllodes littoreus* [current classification: *Eugryllodes littoreus* (Bolívar, 1885)] have been described earlier (see Bolívar 1877: 292, 1885: 174).

2.2 Grylloidea

2.2.1 Gryllidae Bolívar, 1878

Eugryllodes escalerae escalerae (Bolívar, 1894)

Original combination: *Gryllodes escalerae.*
Reference: Bolívar 1894: 55.
Type locality: Spain: Villaviciosa de Odón.
Type material:

Paralectotype (♂): Condition: Left antenna broken, only scapus existent of right antenna; left fore tarsus and right fore leg missing; left cercus broken; right elytra with *Anthrenus* traces. – Labels: 1. "*Gryllodes Escalera* Bol. Type! Villaviciosa ♂". – 2. "ex coll. Dr. H. Krauss Tübingen". – 3. "DORSA SGeugescS01".

Paralectotype (♀): Condition: Left antenna broken, right one missing; left hind leg with strong *Anthrenus* traces. – Labels: 1. "*Gryllodes Escalera* Bol. Villaviciosa ♀ Type! Bolivar d.d [?]". – 2. "ex coll. Dr. H. Krauss Tübingen". – 3. "DORSA SGeugescS02".

Further type material: The lectotype (♂) is stored at UCDM.
Notes: Photos of the SMNS specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: Randell 1964: 1588 [*Eugryllodes*]; Chopard 1967: 112 [*Eugryllodes*]; Fernandes 1967: 362 [variation]; Harz 1969: 689; Lantow 1983: 2; Gorochov & Llorente 2001: 126 [lectotype designated].
Code numbers: OSF ID: 16153; DORSA species ID: SP112146G.

Gryllopsis hofmanni (Saussure, 1877)

Original combination: *Gryllodes hofmanni.*
Reference: Saussure 1877: 211.
Type locality: Tropical Africa: Fleuve des Gazelles.
Type material:

Holotype (♀): Condition: Claw segment of left hind leg missing; right cercus broken. – Labels: 1. "*G. Hofmanni* Sauss. Gazellenfluß. Afr. Schmß.[?] [18]75". – 2. "93.".

Subsequent citations: Chopard 1967: 31 [*Gryllopsis*].
Code numbers: OSF ID: 10967; DORSA species ID: SP112256G.

Gryllopsis mareotica (Werner, 1905)

Original combination: *Gryllodes mareoticus.*
Reference: Werner 1905: 78.
Type locality: Egypt: Alexandria.
Type material:

Syntype (♀): Condition: Antennae broken; left fore tarsus, mid legs and left hind tibia missing; not set. – Labels: 1. "Egypten 1904, Alexandrien (Mex) 26.IV.[19]05 leg. Werner". – 2. "*Gryllodes mareoticus* Wern. Cotype". – 3. "Paratypoid". – 4. "DORSA SGgrymarS01".

Further type material: NHMW (OSF).
Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: Chopard 1967: 31 [*Gryllopsis mareotica*]; Lantow 1983: 2.
Code numbers: OSF ID: 10973; DORSA species ID: SP112262G.

Modicogryllus pallipalpis palustris (Chopard, 1959)

Original combination: *Gryllus palustris*.
Reference: CHOPARD 1959: 2.
Type locality: Iran: Baluchistan.
Type material:

Holotype (♂): Condition: Genitalia mounted on separate mounting card; left cercus broken. – Labels: 1. "Iran Belutschistan, südöstl. Iranshar, Hamant Kuh, 30.IV.1954 leg. RICHTER u. SCHÄUFFELE". – 2. "*Gryllus palustris* Type, L. Chopard det.". – 3. "type". – 4. "Typus". – 5. "Sumpfstelle am Schilf". – 6. "DORSA SGmodpalS01".

2 Paratypes (♂♂): Condition: Genitalia mounted on separate celluloid slide. – Labels: 1 ♂ same data as holotype; 1 ♂ "Iran Belutschistan, Sangun 1650 m., östl. Kuh i Taftan, 14.–18.VI.1954 leg. RICHTER u. SCHÄUFFELE".

7 Paratypes (♀♀): Condition: Rather good, but badly set; the specimen labelled as "allotype" has the left antenna broken. – Labels: 5 ♀♀ same data as holotype; 1 ♀: "Iran Belutschistan, südwestl. Iranshar, Bampurufer, 14.V.1954 leg. RICHTER u. SCHÄUFFELE"; 1 ♀: "Iran Belutschistan, südwestl. Iranshar, Bampurufer, 21.V.1954 leg. RICHTER u. SCHÄUFFELE".

Paratypes have the label "Paratypoid" instead of the "type" label, the DORSA labels are numbered from S02 to S10.

Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax. – Currently classified as subspecies of *Modicogryllus pallipalpis* (Tarbinski, 1940).
Subsequent citations: CHOPARD 1961: 275 [*Modicogryllus palustris*]; CHOPARD 1967: 80 [*Modicogryllus palustris*]; LANTOW 1983: 2; GOROCHOV 1986: 4 [*Modicogryllus pallipalpis palustris*].
Code numbers: OSF ID: 16185; DORSA species ID: SP112499G.

2.2.2 Oecanthidae Saussure, 1877

Oecanthus capensis Saussure, 1878

Original combination: *Oecanthus capensis*.
Reference: SAUSSURE 1878: 456.
Type locality: South Africa: Cape of Good Hope.
Type material:

Holotype (♂): Condition: Small rest of left elytra remaining, the right one strongly furled and apex broken; only scapi of antennae existent; left hind leg and all right legs missing. – Labels: 1. "*O. capensis* Sauss.; N 36 Sauss. ♂ ♀; Cap., [leg.] v. LUDW. [18]37". – 2. "*Oecanthus capensis* Saussure det RB TOMS 1984". – 3. "Typus". – 4. "DORSA SGoecfilS01". – The 3rd label is not from SAUSSURE.

Paratype (♀): Condition: Left antenna broken, only scapus of the right one existent; hind legs missing; the pin is broken and mounted on a pinned pith. – Labels: 1. "36". – 2. "*Oecanthus capensis* Saussure det RB TOMS 1984". – 3. "♀ Allotype". – 4. "DORSA SGoecfilS02". – The 3rd label is not from SAUSSURE.

Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: KIRBY 1906: 76; CHOPARD 1932: 244 [*Oecanthus pellucens*], 1955a: 300 [*O. capensis* is distinct species]; WALKER 1966: 266 [notes on *capensis*]; CHOPARD 1968: 431 [*Oecanthus capensis*]; LANTOW 1983: 3; TOMS & OTTE 1988: 478 [valid species]; TOMS 1992: 70–73 [stridulation].
Code numbers: OSF ID: 15419; DORSA species ID: SP114321G.

2.2.3 Phalangopsidae Saussure, 1878

Endacusta australis (Saussure, 1878)

Original combination: *Endacustes australis.*
Reference: SAUSSURE 1878: 437.
Type locality: Australia: Melbourne.
Type material:

Holotype (♂): Condition: Left antenna broken, only scapus of the right one existent; left fore and mid leg, left hind tarsus and distal segments of right hind tarsus missing. – Label: "*E. australis* Sauß. N45 Saußr. ♂ Melbourn [sic!] v. MÜLLER [18]70".

Subsequent citations: KIRBY 1906: 69 [*Endacusta*]; CHOPARD 1951: 452 [*Endacusta*]; RICHARDS 1965: 67; CHOPARD 1968: 288 [*Endacustes*]; OTTE & ALEXANDER 1983: 243 [*Endacusta*].
Code numbers: OSF ID: 14287; DORSA species ID: SP114573G.

2.2.4 Podoscirtidae Chopard, 1968

Truljalia hofmanni (Saussure, 1878)

Original combination: *Calyptotrypus hofmanni.*
Reference: SAUSSURE 1878: 569.
Type locality: Indonesia: Java.
Type material:

Lectotype (♂): Condition: Wings spread but clotty and torn; antennae broken; right mid leg and distal segments of hind legs missing; genitalia separate in a pinned tube. – Labels: 1. "*C. Hofmanni* Sauss.; N 44 Sauss. Nov. ###; Java, [leg.] SCHOLL [18]69". – 2. "*Truljalia hofmanni* (Sauss.) det. GOROCHOV A.". – 3. "Lectotypus *Calyptotrypus hofmanni* Sauss. design. GOROCHOV A.". – 4. "44". – 5. "DORSA SGcalhofHTM".

Subsequent citations: KIRBY 1906: 95 [*Madasumma*]; CHOPARD 1968: 366 [*Calyptotrypus*], 1969: 335 [Burma]; BHOWMIK 1977: 36 [India; male genitalia]; GOROCHOV 1985: 101 [*Truljalia*]; WANG & WOO 1992: 237 [new record, Yunnan]; GOROCHOV 2002: 323 [species group I, restricted distribution, lectotype designation].
Code numbers: OSF ID: 15344; DORSA species ID: SP113236G.

2.2.5 Trigonidiidae Saussure, 1870

Anaxipha karschi (Karny, 1907)

Original combination: *Cyrtoxipha karschi.*
Reference: KARNY 1907: 284.
Type locality: East Africa: Uganda, Gondokoro.
Type material:

Syntype (♀): Condition: Left antenna missing. – Labels: 1. "*Cyrtoxipha Karschi* Karny ♀, Gondokoro, Uganda, Cotype. leg. WERNER III.1905". – 2. "Paratypoid". – 3. "DORSA SGanakarS01".

Further type material: NHMW (OSF).
Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: EBNER 1941: 12; CHOPARD 1968: 314; LANTOW 1983: 3.
Code numbers: OSF ID: 13736; DORSA species ID: SP114917G.

Cranistus bolivianus Hebard, 1931

Original combination: *Cranistus bolivianus*.
Reference: Hebard 1931: 283.
Type locality: Bolivia: Chiquitos, Las Taperas (Ipitas).
Type material:

Holotype (♂): Condition: Right antenna and left hind leg missing. – Labels: 1. "Ipitas Boliv., 17.X.[19]26 Lindner, D Chaco-Exped.". – 2. "*Cranistus bolivianus* Hebard Type, ♂". – 3. "DORSA SGcrabolHTM".

Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: Chopard 1968: 346; Lantow 1983: 3.
Code numbers: OSF ID: 13720; DORSA species ID: SP114984G.

2.3 Mogoplistoidea

2.3.1 Mogoplistidae Blatchley, 1920

Paramogoplistes novaki (Krauss, 1888)

Original combination: *Mogoplistes novaki*.
Reference: Krauss 1888: 118.
Type locality: Croatia: Lesina.
Type material:

Holotype (♀): Condition: Left antenna, hind legs, right fore tibia and right cercus missing. – Labels: 1. "*Mogopl. Nowaki* [sic!] Krss Typen ♀♀". – 2. "Typus". – 3. "DORSA SGparnovS01".

Paratype (♀): Condition: Antennae broken; left fore and mid leg, right hind leg and mid tarsus are missing. – Labels: 1. "*Mogoplistis nowaki* [sic!] Krss. Lesina". – 2. "Paratypoid". – 3. "DORSA SGparnovS02".

Notes: Photos of the specimens are available at www.biologie.uni-ulm.de/systax.
Subsequent citations: Chopard 1968: 218; Gorochov 1984: 1649 [type species of *Paramogoplistes*]; Lantow 1983: 3; Willemse 1984: 84, 205, 1985: 25.
Code numbers: OSF ID: 15643; DORSA species ID: SP114000G.

2.3.2 Myrmecophilidae Saussure, 1870

Eremogryllodes richerti Chopard, 1959

Original combination: *Eremogryllodes richerti* [sic!].
Reference: Chopard 1959: 4.
Type locality: Iran: Makhran, near Putab.
Type material:

Holotype (♀): Condition: Antennae and right fore leg missing; pinned on a minute pin. – Labels: 1. "Iran (Makran), am Kahuran bei Putab, 25.III.1954, leg. Richter u. Schäuffele". – 2. "*Eremogryllodes Richteri* Type, L. Chopard det". – 3. "type". – 4. "Typus". – 5. "DORSA SGerericS01".

Paratype (♀): Condition: Antennae, left fore tarsus, mid tibia and all right legs missing; pinned on a minute pin. – Labels: 1st and 2nd label as in holotype. – 3. "Paratypoid". – 4. "DORSA SGerericS02".

Notes: Because the collector is Willi Richter and the handwritten identification labels of Chopard show the name "*Richteri*", it is obvious that the name "*richerti*" is a misprint. According to the current code "*richerti*" has to be the valid

spelling, however. – Photos of the specimens are available at www.biologie.uni-ulm.de/systax.

Subsequent citations: CHOPARD 1968: 216 [*Eremogryllodes richerti* (sic!)]; LANTOW 1983: 2 [*Eremogryllodes richteri* (sic!)].

Code numbers: OSF ID: 15911; DORSA species ID: SP114181G.

2.4 Stenopelmatoidea (syn. Gryllacridoidea)

2.4.1 Anostostomatidae Saussure, 1859

2.4.1.1 Anostostomatinae Saussure, 1859

Anostostoma opacum Brunner von Wattenwyl, 1888

Original combination: *Anostostoma opacum*.

Reference: BRUNNER VON WATTENWYL 1888: 270, 271.

Type locality: Australia: Queensland.

Type material:

Syntype (♂): Condition: Both antennae broken, claw segments of hind tarsi missing. – Labels: 1. "*A. opacum* Br. B.v.W.; Queensl. [leg.] v. MÜLLER [18]78". – 2. "Typus, *Anostostoma opacum* Brunner v.W.". – 3. "DORSA SSanoopaS01".

Syntype (♀): Condition: Left antenna missing, only scapus of the right one existent; claw segments of hind tarsi and right mid leg missing; valvae diverging. – Labels: 1. "Queensland [leg.] v. MÜLLER 1878". – 2. "Cotype, *Anostostoma opacum* Brunner v.W.". – 3. "4". – 4. "19". – 5. "DORSA SSanoopaS02".

Subsequent citations: KIRBY 1906: 116; KARNY 1935: 376 [*Australostoma*], 1937: 221; RENTZ & JOHN 1987: 207 [Chromosomes]; JOHNS 1998: 128 [*Anostostoma*].

Code numbers: OSF ID: 11633; DORSA species ID: SP114707S.

Apotetamenus clipeatus Brunner von Wattenwyl, 1888

Original combination: *Apotetamenus clypeatus*.

Reference: BRUNNER VON WATTENWYL 1888: 283.

Type locality: South America: Brazil.

Type material:

Syntype (♀): Condition: Apices of antennae, some tarsal segments at left fore and mid tarsi and right hind tarsus missing. – Labels: 1. "*A. clypeatus* Br. B.v.W.; Brasil. [leg.] I. HOFM. [18]71". – 2. "Type, *Apotetamenus clipeatus* Brunner v.W.". – 3. "SCHWENDNER". – 4. "14". – 5. "29". – 6. "48". – 7. "DORSA SSapocliS01".

Syntype (♀): Condition: Only scapus of left antenna existent, right antenna broken; left fore and mid tarsi and right mid leg missing. – Labels: 1. "Brasil. [leg.] I. HOFM. 1871". – 2. "Cotype, *Apotetamenus clipeatus* Brunner v. W.". – 3. "37". – 4. "DORSA SSapocliS02".

Further type material: Further syntypes at NHMW (OSF).

Subsequent citations: BRUNER 1915: 403 [*Licodia clypeata*]; KARNY 1928b: 532, 1930: 132, 1935: 368, 1937: 195 [*Apotetamenus clipeatus*]; JOHNS 1998: 128.

Code numbers: OSF ID: 11884; DORSA species ID: SP113598S.

Borborothis opaca Brunner von Wattenwyl, 1888

Original combination: *Borborothis opaca*.

Reference: BRUNNER VON WATTENWYL 1888: pl. 6.

Type locality: South Africa: Cape Province.
Type material:

Paralectotype (♀): Condition: Only scapus of left antenna existent, apex of right antenna missing; claw segments of left fore and mid tarsi missing; right fore leg missing up to proximal half of femur. – Labels: 1. "*B. opaca* Br. B.v.W.; Cap. [leg.] v. LUDW. [18]37". – 2. "Type, *Borborothis opaca* Brunner v.W.". – 3. "28". – 4. "50". – 5. "DORSA SSboropaHTF".

Notes: The specimen is labelled "type". Maybe this is the specimen BRUNNER used for his figures. Then it could be the original holotype.
Further type material: Lectotype (♂) at NHMW (OSF).
Subsequent citations: KIRBY 1906: 118; KARNY 1927: 9, 1929c: 145, 1935: 372, 1937: 199; JOHNS 1998: 128.
Code numbers: OSF ID: 11811; DORSA species ID: SP114712S.

Glaphyrosoma gracile Brunner von Wattenwyl, 1888

Original combination: *Glaphyrosoma gracile.*
Reference: BRUNNER VON WATTENWYL 1888: 284.
Type locality: Central America: Mexico.
Type material:

Syntype (♀): Condition: Only scapi of antennae existent; left mid and hind tarsi, right fore tarsus, mid leg and hind tibia missing. – Labels: 1. "*G. gracile* Br. B.v.W., Guatemala SARG [18]83". – 2. "Cotype, *Glaphyrosoma gracile* Brunner v.W.". – 3. "DORSA SSglagraS01".

Further type material: Further type specimens at NHMW (OSF).
Subsequent citations: KARNY 1928b: 532, 1930: 133; HEBARD 1932: 344; KARNY 1937: 191; JOHNS 1998: 128.
Code numbers: OSF ID: 12084; DORSA species ID: SP114776S.

Glaphyrosoma mexicanum (Saussure, 1859)

Original combination: *Daihinia mexicana.*
Reference: SAUSSURE 1859: 212.
Type locality: Central America: Mexico.
Type material:

Syntype (♂): Condition: Apex of left antenna missing, only scapus of the right one existent; hind legs and right mid leg missing. – Labels: 1. "Mexico, v. BOLEROS 1856". – 2. "Cotype, *Glaphyrosoma mexicanum* Saussure". – 3. "12". – 4. "35". – 5. "DORSA SSglamexS01".

Syntype (♀): Condition: Antennae broken; right mid and hind legs missing. – Labels: 1. "*G. mexicanum* Sss. Mexico, v. BOLEROS [18]56". – 2. "Cotype, *Glaphyrosoma mexicanum* Saussure". – 3. "11". – 4. "36". – 5. "DORSA SSglamexS02".

Subsequent citations: BRUNNER VON WATTENWYL 1888: 284; SAUSSURE & PICTET 1897–1899: 296; KIRBY 1906: 120; KARNY 1928b: 532 [*Glaphyrosoma mexicanum* (Saussure)]; HEBARD 1932: 344; KARNY 1937: 191 [*Glaphyrosoma*]; JOHNS 1998: 128.
Code numbers: OSF ID: 12085; DORSA species ID: SP114777S.

2.4.1.2 Deinacridinae Karny, 1932

Gryllacropsis perturbans Brunner von Wattenwyl, 1888

Current classification: *Gryllacropsis magniceps* (Walker, 1870).
Original combination: *Gryllacropsis perturbans.*
Reference: Brunner von Wattenwyl 1888: 279.
Type locality: India: Mercara.
Type material:

Holotype (♂ nymph): Condition: Antennae broken; left fore tarsus and right hind tibia missing. Pin penetrates right mid tibia. – Labels: 1. "*G. pertubans* [sic!] Br. n. sp.; Mercara [leg.] Werner [18]80". – 2. "Type, *Gryllacropsis perturbans* Brunner v.W.". – 3. "18". – 4. "DORSA SSgryperHTM".

Notes: The type specimen(s) of *Gryllacropsis magniceps* (Walker) are stored in BMNH, reference see Walker 1870: 471.
Subsequent citations: Johns 1998: 128 [as synonym of *G. magniceps* (Walker)].
Code numbers: OSF ID: 12603; DORSA species ID: SP115384S and SP114840S (synonym).

Hemideina maori (Pictet & Saussure, 1893)

Original combination: *Deinacrida maori.*
Reference: Pictet & Saussure 1893: 296.
Type locality: New Zealand.
Type material:

Syntype (♂): Condition: Only scapi of antennae existent; right mid tarsus missing. – Labels: 1. "*Deinacrida maori*, Pict. & Sauss.". – 2. "Nov. Zealand 619. 41". – 3. "Cotype, *Hemideina maori* Pictet, Sauss.". – 4. "DORSA SShemmaoS01".

Syntype (♀): Condition: Antennae broken; left fore leg missing. – Labels: 1. "5364 ♀ *Dainacrida* [sic!] *Maori*, S.u.P. N.Zealand, Mus. Genf [18]94". – 2. "Nov. Zealand 619. 41". – 3. "Cotype, *Dainacrida maori* Pictet + Saussure". – 4. "DORSA SShemmaoS02".

Syntype (♀): Condition: Left antenna missing, the right one broken; left fore and mid legs, claw segment of hind tarsus and right mid and hind tarsi missing. – Labels: 1. "6355. ♀ *D. maori*, Pict. Sauss. N.Seeland, Mus. Genf [18]94". – 2. "Nov. Zealand 619. 41". – 3. "Cotype, *Dainacrida maori* Pictet + Saussure". – 4. "DORSA SShemmaoS03".

Further type material: By OSF information further type specimens in ITZA, MHNG, MIZT, and perhaps ZIUH.
Subsequent citations: Hutton 1897: 219; Karny 1935: 375 [*Hemideina*], 1937: 223 [*Hemideina*]; Ramsay 1979: 4; Ramlov et al. 1992: 51ff [biology]; Tyrrell et al. 1994: 367ff [nematode parasite]; Johns 1998: 128.
Code numbers: OSF ID: 11963; DORSA species ID: SP113604S.

2.4.2 Gryllacrididae Blanchard, 1845

Afrogryllacris africana africana (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris africana.*
Reference: Brunner von Wattenwyl 1888: 362.
Type locality: West Africa: Ivory Coast.
Type material:

Holotype (♂): Condition: Left antenna broken, only scapus existent of right antenna; wings spread on both sides. – Labels: 1. "*G. africana* B. B.v.W.; Typus; W. Africa [leg.]

Dr. HRTM. [18]78". – 2. "Type v. B.v.Wattw.". – 3. "Type, *Gryllacris africana* Brunner v.W.". – 4. "*Afrogryllacris africana* Br.v.W. W.RICHTER det. 1962". – 5. "60". – 6. "DORSA SSgryafrHTM".

Subsequent citations: KIRBY 1906: 147 [*Gryllacris*]; GRIFFINI 1908a: 50 [*Gryllacris*], 1908b: 26, 1909b: 183, 1909c: 107; KARNY 1928a: 204 [type data], 1929a: 16, 1929b: 61, 1931a: 391 [Cameroon], 1935: 312, 1937: 108 [*Afrogryllacris*].
Code numbers: OSF ID: 12725; DORSA species ID: SP114924S.

Ametrus tibialis Brunner von Wattenwyl, 1888

Original combination: *Ametrus tibialis*.
Reference: BRUNNER VON WATTENWYL 1888: 385.
Type locality: Australia: Melbourne.
Type material:

Holotype (♂): Condition: Left antenna broken, only scapus existent of right antenna; right mid leg missing; not set. – Labels: 1. "*A. tibialis* Br. B.v.W.; Melbourn. [leg.] v. MÜLLER [18]68". – 2. "Type, *Ametrus tibialis* Brunner v.W.". – 3. "8". – 4. "29". – 5. "DORSA SSametibS01".

Paratype (♂): Condition: Antennae and legs missing; vertex with hole (*Anthrenus* trace). – Labels: 1. "DORSA SSametibS02" [no further labels].

Subsequent citations: TEPPER 1892: 169; KIRBY 1906: 152; KARNY 1929b: 46, 1937: 83; BLAND & RENTZ 1991: 443ff [Proventriculus as taxonomic character].
Code numbers: OSF ID: 11705; DORSA species ID: SP113846S.

Aphanogryllacris inconspicua inconspicua (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris inconspicua*.
Reference: BRUNNER VON WATTENWYL 1888: 312.
Type locality: Indonesia: Halmahera.
Type material:

Syntype (adult, sex uncertain): Condition: Apices of antennae broken; left mid leg missing; not set; abdominal apex destroyed. – Labels: 1. "*G. inconspicua* Br. B.v.W., Halmaher. LUDEK [18]67". – 2. "Cotype, *Gryllacris inconspicua* Brunner v.W.". – 3. "W. RICHTER det. 1962 *Aphanogryllacris* Karny". – 4. "57". – 5. "DORSA SSgryincS01".

Further type material: Further type specimens at MCGD and NHMW (OSF).
Subsequent citations: KIRBY 1906: 143; GRIFFINI 1908c: 8; KARNY 1924: 102, 1925: 74 [*Gryllacris*], 1928a: 206 [type data], 1928b: 519 [syntype in Stuttgart], 1929a: 82, 1930: 53, 1931b: 160 [numerous references], 1935: 354 [*Gryllacris*; distribution], 1937: 138 [*Aphanogryllacris*].
Code numbers: OSF ID: 12741; DORSA species ID: SP114940S.

Caustogryllacris nigroscutata (Brunner von Wattenwyl, 1888)

Current classification: *Caustogryllacris genualis* (Walker, 1869).
Original combination: *Gryllacris nigroscutata*.
Reference: BRUNNER VON WATTENWYL 1888: 330.
Type locality: Indonesia: Java, Batavia.
Type material:

Holotype (♂): Condition: Antennae broken; left mid leg missing. – Labels: 1. "*G. nigro-*

scutata Br.; Batavia [leg.] Dr. HRTM. [18]80". – 2. "Type, *Gryllacris nigroscutata* Brunner v.W.". – 3. "55". – 4. "DORSA SSgrynigHTM".

Notes: Holotype of *Caustogryllacris genualis* (Walker) stored in BMNH (OSF), reference see WALKER 1869: 179.

Subsequent citations: KIRBY 1906: 140; GRIFFINI 1908d: 229 [synonym of *genualis* Walker]; KARNY 1928a: 206 [type data], 1928b: 527 [as synonym of *genualis* Walker], 1937: 172 [*Caustogryllacris*].

Code numbers: OSF ID: 12517; DORSA species ID: SP115413S and SP113959S (synonym).

Chauliogryllacris exserta (Brunner von Wattenwyl, 1888)

Original combination: *Paragryllacris exserta.*

Reference: BRUNNER VON WATTENWYL 1888: 372.

Type locality: Australia: Queensland.

Type material:

Syntype (♂): Condition: Antennae broken; some distal tarsal segments missing; elytra cut near abdomen apex; not set. – Labels: 1. "*P. exserta* B. B.v.W., Queensl. v. MÜLLER [18]83". – 2. "Cotype, *Gryllacris exserta* Brunner v.W.". – 3. "68". – 4. "804". – 5. "DORSA SSgryexsS01".

Further type material: Further type specimen(s) at NHMW (OSF).

Subsequent citations: TEPPER 1892: 160; KIRBY 1906: 149 [*Paragryllacris*]; GRIFFINI 1908e: 1, 1909d: 331; KARNY 1928b: 519 [*Gryllacris* (*Paragryllacris*)], 1929b: 145 [*Gryllacris*], 1937: 70 [*Hadrogryllacris*]; RENTZ & JOHN 1990: 1128 [*Chauliogryllacris*].

Code numbers: OSF ID: 11400; DORSA species ID: SP113974S.

Diaphanogryllacris vittata (Brunner von Wattenwyl, 1888)

Current classification: *Diaphanogryllacris gladiator* (Fabricius, 1793).

Original combination: *Gryllacris vittata.*

Reference: BRUNNER VON WATTENWYL 1888: 331.

Type locality: India: Meri.

Type material:

Holotype (♀): Condition: Apex of left antenna missing, only scapus of the right one existent; left hind tibia bent; valvae diverging. – Labels: 1. "*G. vittata* Br. B.v.W.; Indien Meri [leg.] HEINTZ [18]87". – 2. "Type, *Gryllacris vittata* Brunner v.W.". – 3. "72a". – 4. "DORSA SSgryvitHTF".

Notes: Reference to *Diaphanogryllacris gladiator* see FABRICIUS 1793: 42. *Diaphanogryllacris vittata* (Brunner von Wattenwyl, 1888) is a primary homonym of *Diaphanogryllacris gladiator* (Fabricius, 1793). The type(s) of *D. gladiator* are probably lost.

Subsequent citations: KIRBY 1906: 141; KARNY 1928b: 503, 1937: 102.

Code numbers: OSF ID: 12522; DORSA species ID: SP115465S and SP114883S (synonym).

Eremus geniculatus Brunner von Wattenwyl, 1888

Current classification: *Eremus basalis basalis* (Walker, 1869).

Original combination: *Eremus geniculatus.*

Reference: Brunner von Wattenwyl 1888: 376.
Type locality: India: Karnataka, Mercara.
Type material:

Syntype (♂): Condition: Of both antennae only scapi existent; right mid tarsus missing. – Labels: 1. "*E. geniculatus* Br.; Mercara O. Ind. [leg.] Werner [18]80". – 2. "Type, *Neanias geniculatus* Brunner v.W.". – 3. "15". – 4. "469". – 5. "DORSA SSneagenS01".
Syntype (♂): Condition: Antennae broken; right hind tarsus missing. – Labels: 1. "Mercara O. Ind. [leg.] Werner [18]80". – 2. "Cotype, *Neanias geniculatus* Brunner v.W.". – 3. "16". – 4. "DORSA SSneagenS02".
Syntype (♀): Condition: Left antenna broken; right fore tibia and right hind tarsus missing. – Labels: 1. "Mercara O. Ind. [leg.] Werner [18]80". – 2. "Cotype, *Neanias geniculatus* Brunner v.W.". – 3. "14". – 4. "DORSA SSneagenS03".

Further type material: Further type specimens are located at NHMW.
Notes: Holotype of *Eremus basalis* (Walker) stored in BMNH (OSF), reference see Walker 1869: 188 [*Gryllacris*].
Subsequent citations: Kirby 1906: 150 [*Eremus*]; Karny 1928b: 528 [synonym of *Neanias* (*Eremus*) *basalis* Walker], 1937: 100 [*Eremus*].
Code numbers: OSF ID: 12941; DORSA species ID: SP115436S and SP113706S (synonym).

Eugryllacris moestissima (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris moestissima*.
Reference: Brunner von Wattenwyl 1888: 347.
Type locality: Indonesia: Halmahera.
Type material:

Holotype (♂): Condition: Wings spread; apex of left antenna missing, the right one broken. – Labels: 1. "*G. moestissima* Br.; Halmah. [leg.] Ludek B.v.W. [18]67". – 2. "Type, *Gryllacris moestissima* Brunner v.W.". – 3. "59". – 4. "DORSA SSgrymoeHTM".

Subsequent citations: Kirby 1906: 143; Karny 1937: 152 [*Eugryllacris*].
Code numbers: OSF ID: 11491; DORSA species ID: SP114026S.

Gigantogryllacris athleta (Brunner von Wattenwyl, 1888)

Current classification: *Gigantogryllacris piceifrons* (Walker, 1869).
Original combination: *Gryllacris athleta*.
Reference: Brunner von Wattenwyl 1888: 355.
Type locality: Indonesia: Buru.
Type material:

Holotype (♀): Condition: Wings spread, strongly fringed; antennae broken; right fore leg missing. – Labels: 1. "*G. athleta* Br. B.v.W.; Boroe [leg.] Ludek. [18]67". – 2. "Type, *Gryllacris athleta* Brunner v.W.". – 3. "*Gryllacris heros* det. Karny". – 4. "58". – 5. "DORSA SSgryathHTF".

Notes: Type(s) of *Gigantogryllacris piceifrons* (Walker) stored in OXUM (OSF), reference see Walker 1869: 180 [*Gryllacris*].
Subsequent citations: Kirby 1906: 145; Karny 1925: 61, 1937: 160 [*Gigantogryllacris*].
Code numbers: OSF ID: 12947; DORSA species ID: SP115442S and SP114043S (synonym).

Glomeremus brevifalcatus brevifalcatus (Brunner von Wattenwyl, 1888)

Original combination: *Eremus brevifalcatus.*
Reference: Brunner von Wattenwyl 1888: 375, 379.
Type locality: Cameroon, Guinea, Ivory Coast.
Type material:

Syntype (♀): Condition: Antennae broken. – Labels: 1. "*E. brevifalcatus* Br.; Goldküste [leg.] Müller [18]83". – 2. "114. *Glomeremus* Karny". – 3. "Type, *Neanias brevifalcatus* Brunner v.W.". – 4. "23". – 5. "DORSA SSneabreHTF".

Further type material: NHMW (OSF).
Subsequent citations: Kirby 1906: 151; Griffini 1909a: 2 [*Eremus*]; Karny 1929a: 137 [*Nianias* (*Eremus*)], 1937: 114 [*Glomeremus*].
Code numbers: OSF ID: 12793; DORSA species ID: SP114992S.

Hadrogryllacris callosa (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris callosa.*
Reference: Brunner von Wattenwyl 1888: 371.
Type locality: Australia: Queensland, Port Dennison.
Type material:

Syntype (♂): Condition: Right antenna broken; some distal tarsal segments missing. Around dorsal pin hole *Anthrenus* traces (?). – Labels: 1. "Melbourne, v. Müller 1868". – 2. "Cotype, *Gryllacris callosa* Brunner v.W.". – 3. "DORSA SSgrycalS01".

Further type material: NHMW (OSF).
Subsequent citations: Tepper 1892: 158; Kirby 1906: 149; Karny 1928b: 513 [*Gryllacris* (*Paragryllacris*)], 1928c: 232, 1935: 342 [*Paragryllacris*; fig.], 1937: 70 [*Hadrogryllacris*].
Code numbers: OSF ID: 11605; DORSA species ID: SP114160S.

Hadrogryllacris goetzi (Karny, 1928)

Original combination: *Gryllacris goetzi.*
Reference: Karny 1928b: 517.
Type locality: Australia: Melbourne.
Type material:

Holotype (♂): Condition: Only scapi of antennae existent; left fore leg and right mid leg missing; not set. – Labels: 1. "*P.* sp. n.; Melbourn. [leg.] v. Müller [18]68". – 2. "70. *Hadrogryllacris* Karny". – 3. "Type, *Gryllacris goetzi*, H. Karny 1928". – 4. "64". – 5. "*Paragryllacris* n. sp. det. Karny". – 6. "DORSA SSpargoeHTM".

Subsequent citations: Karny 1937: 70 [*Hadrogryllacris*].
Code numbers: OSF ID: 11609; DORSA species ID: SP114164S.

Hadrogryllacris latelineolata (Brunner von Wattenwyl, 1888)

Current classification: *Hadrogryllacris longa* (Walker, 1869).
Original combination: *Paragryllacris latelineolata.*
Reference: Brunner von Wattenwyl 1888: 372.
Type locality: Australia: Melbourne.
Type material:

Syntype (♂): Only scapi of antennae existent; left fore leg, mid tibia and right fore tibia

missing; not set. – Labels: 1. "*P. latelineolata* Br. B.v.W., Melbourn. v. MÜLLER [18]68". – 2. "Cotype, *Gryllacris latelineolata* Brunner v.W.". – 3. "70. *Hadrogryllacris* Karny". – 4. "63". – 5. "DORSA SSgrylatS01".

Further type material: NHMW (OSF).

Notes: Holotype of *Hadrogryllacris longa* (Walker) stored in BMNH (OSF), reference see WALKER 1869: 180 [*Gryllacris*].

Subsequent citations: TEPPER 1892: 158; KIRBY 1906: 149 [*Paragryllacris*]; KARNY 1928a: 206 [type data], 1929b: 142, 1937: 70.

Code numbers: OSF ID: 12535; DORSA species ID: SP115417S and SP114166S (synonym).

Hadrogryllacris magna (Brunner von Wattenwyl, 1888)

Original combination: *Paragryllacris magna.*

Reference: BRUNNER VON WATTENWYL 1888: 371.

Type locality: Australia: Melbourne.

Type material:

Holotype (♀): Condition: Right wings spread, right elytra deeply torn; apex of left antenna missing, only scapus of the right one existent; mid legs missing; valvae diverging. – Labels: 1. "*P. callosa* B. B.v.W.; Melbourn. [leg.] v. MÜLLER [18]68". – 2. "71. *Hadrogryllacris* Karny". – 3. "Type, *Gryllacris callosa* var. *magna* Brunner v.W.". – 4. "67". – 5. "*Paragryllacris magna* det. KARNY". – 6. "DORSA SSgrymagHTF".

Subsequent citations: KARNY 1928b: 514 [*Gryllacris* (*Paragryllacris*)], 1931a: 414 [Central Australia], 1937: 71 [*Hadrogryllacris*].

Code numbers: OSF ID: 11614; DORSA species ID: SP114169S.

Hadrogryllacris magnifica pallida (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris magnifica* var. *pallida.*

Reference: BRUNNER VON WATTENWYL 1888: 327.

Type locality: Australia: Melbourne.

Type material:

Holotype (♀): Condition: Apex of antennae broken; left fore leg missing; not set. – Labels: 1. "*G. magnifica* Br. B.v.W., Melbourn. v. MÜLLER [18]68". – 2. "Cotype, *Gryllacris magnifica* var. *pallida* Brunner v.W.". – 3. "71. *Hadrogryllacris* Karny". – 4. "DORSA SSgrypalS01".

Notes: Labelled "Cotype" but there was only one female in the original description thus it should be the holotype.

Subsequent citations: KARNY 1928b: 508 [var. *pallida*; *Paragryllacris*], 1929b: 140.

Code numbers: OSF ID: 12830; DORSA species ID: SP115031S.

Hadrogryllacris rautheri (Karny, 1928)

Original combination: *Gryllacris rautheri.*

Reference: KARNY 1928b: 509.

Type locality: West Africa: Ivory Coast.

Type material:

Holotype (♀): Condition: Wings spread; antennae, right fore leg and some tarsal segments missing; *Anthrenus* traces, mainly at dorsal head. – Labels: 1. "*G. #h.*; Goldküste [leg.]

Dr. EHRLE [18]81 [annotated with pencil:] Fundort falsch! vermutl. Australien [wrong locality!, maybe Australia]". – 2. "71. *Hadrogryllacris* Karny". – 3. "Type, *Gryllacris rautheri* H. Karny 1928". – 4. "86". – 5. "114". – 6. "DORSA SSparrauHTF".

Notes: Possibly the first label is confused.
Subsequent citations: KARNY 1937: 71 [*Hadrogryllacris*].
Code numbers: OSF ID: 11478; DORSA species ID: SP114010S.

Hyalogryllacris adventa (Brunner von Wattenwyl, 1888)

Original combination: *Gryllacris adventa.*
Reference: BRUNNER VON WATTENWYL 1888: 325, 362.
Type locality: Australia: Queensland.
Type material:

Holotype (♀): Condition: Apex of elytra strongly bent; apex of antennae broken; left hind leg and some tarsal segments missing. – Labels: 1. "*G. adventa* Br. B.v.W.; Queensl. [leg.] v. MÜLLER [18]73". – 2. "71. *Hyalogryllacris adventa* Br.v.W., W. RICHTER det. 1962". – 3. "Type, *Gryllacris adventa* Brunner v.W.". – 4. "87". – 5. "DORSA SSgryadvHTF".

Subsequent citations: KARNY 1928b: 505f [*Gryllacris*], 1929b: 89, 91 [*Gryllacris*].
Code numbers: OSF ID: 16863; DORSA species ID: SP113695S.

Melaneremus atrotectus (Brunner von Wattenwyl, 1888)

Original combination: *Eremus atro-tectus.*
Reference: BRUNNER VON WATTENWYL 1888: 375, 377.
Type locality: India: Dehra Dun (foot of Himalayas).
Type material:

Holotype (♂): Condition: Only scapus of antennae existent; right fore leg missing. – Labels: 1. "*E. atro-tectus* B. B.v.W.; Dehra Dun [leg.] Dr. WARTH. [18]84". – 2. "149. *Melaneremus* Karny". – 3. "Type, *Neanias atrotectus* Brunner v.W.". – 4. "*Eremus* [cancelled with pencil, in addition] *Neanias atro-tectus* Br. Dehra Dun 84 Type". – 5. "21". – 6. "493". – 7. "DORSA SSneaatrHTM".

Subsequent citations: KRAUSS 1907: 27 [*Eremus*]; GRIFFINI 1911: 474ff [*Eremus*], 1914: 245 [*Neanias*]; KARNY 1928b: 528 [*Neanias* (*Eremus*)], 1937: 149 [*Melaneremus*].
Code numbers: OSF ID: 16879; DORSA species ID: SP113708S.

Pareremus muelleri (Brunner von Wattenwyl, 1888)

Original combination: *Eremus muelleri.*
Reference: BRUNNER VON WATTENWYL 1888: 378.
Type locality: Australia: Queensland.
Type material:

Holotype (♀): Condition: Freshly moulted specimen; left antenna broken, only scapus of the right one existent; not set. – Labels: 1. "*E. Mülleri* Br. B.v.W.; Queensl. [leg.] v. MÜLLER [18]89". – 2. "82. *Pareremus* Ander". – 3. "Type, *Neanias muelleri* Brunner v.W.". – 4. "12". – 5. "DORSA SSneamueHTF".

Subsequent citations: TEPPER 1892: 163 [*Eremus*]; KIRBY 1906: 151 [*Eremus*]; KARNY 1928b: 529 [*Neanias* (*Eremus*)], 1937: 82 [*Pareremus*].
Code numbers: OSF ID: 11737; DORSA species ID: SP114316S.

Prosopogryllacris falcata (Brunner von Wattenwyl, 1888)

Current classification: *Prosopogryllacris personata* (Serville, 1831).
Original combination: *Gryllacris falcata*.
Reference: Brunner von Wattenwyl 1888: 341.
Type locality: Indonesia: Java, Buitenzorg.
Type material:

Syntype (♂): Condition: Wings spread; antennae broken; right fore leg missing. – Labels: 1. "*G. falcata* Br. B.v.W., Java Buits. Dr. Hartm. [18]78". – 2. "Cotype, *Gryllacris falcata* Brunner v.W.". – 3. "50". – 4. "DORSA SSgryfalS01".
Syntype (♂): Condition: Antennae broken. – Labels: 1. "Buitenzorg, Java 1878. Dr. Hartm.". – 2. "Cotype, *Gryllacris falcata* Brunner v.W.". – 3. "DORSA SSgryfalS03".
Syntype (♀): Condition: Antennae broken. – Labels: 1. "Buitenzorg, Java 1878. Dr. Hartm.". – 2. "Cotype, *Gryllacris falcata* Brunner v.W.". – 3. "47". – 4. "803". – 5. "DORSA SSgryfalS02".

Notes: Reference to *Prosopogryllacris personata* (Serville) see Serville 1831: 139 [*Gryllacris*]. The types are probably lost.
Subsequent citations: Kirby 1906: 142; Karny 1928a: 206 [type data; synonym of *personata*], 1930: 116 [synonym of *Gryllacris personata*], 1937: 156 [*Prosopogryllacris*].
Code numbers: OSF ID: 12561; DORSA species ID: SP115426S and SP111750S (synonym).

2.5 Tettigonioidea

2.5.1 Tettigoniidae Krauss, 1902

2.5.1.1 Bradyporinae Brunner von Wattenwyl, 1878

Ephippiger vicheti Harz, 1966

Original combination: *Ephippiger ephippiger vicheti*.
Reference: Harz 1966a: 130.
Type locality: Italy: Trentino, Storo.
Type material:

Paratype (♂): Condition: Antennae broken; genitalia mounted on separate tipped mounting card. – Labels: 1. "Pisino, ex Coll. Dr. H. Krauss Tübingen". – 2. "*Ephippiger ephippiger vicheti* Harz ♂, Kurt Harz det.". – 3. "Paratypus". – 4. "DORSA STephvicS01".
Paratype (♂): Condition: Antennae, fore and mid tarsi and left hind leg missing; genitalia mounted on separate tipped mounting card; *Anthrenus* traces at right side of head. – Labels: 1. "Pisino". – 2. "ex Coll. Dr. H. Krauss Tübingen". – 3. "*Ephippiger ephippiger vicheti* Harz ♂, Kurt Harz det.". – 4. "Paratypus". – 5. "DORSA STephvicS02".
Paratype (♂): Condition: Right antenna broken; left fore leg missing; genitalia mounted on separate tipped mounting card. – Labels: 1. "Pisino". – 2. "ex Coll. Dr. H. Krauss Tübingen". – 3. "*Ephippiger ephippiger vicheti* Harz ♂, Kurt Harz det.". – 4. "Paratypus". – 5. "DORSA STephvicS03".

Further type material: Holotype (♂) of *E. vicheti* stored at NHMW (OSF).
Subsequent citations: Harz 1969: 507 [*Ephippiger ephippiger vicheti*]; Hartley & Warne 1984: 43ff [*Ephippiger ephippiger vicheti*]; Nadig 1987: 330 [raised to *Ephippiger vicheti*], 1991: 265; Oudman et al. 1990: 454 [may be *E. vicheti*; morphology and allozyme variation]; Thorens & Nadig 1997: 97.
Code numbers: OSF ID: 1725; DORSA species ID: #20378C.

Uromenus (*Steropleurus*) *nerii nerii* (Vosseler, 1902)

Original combination: *Ephippigera nerii.*
Reference: Vosseler 1902: 398.
Type locality: Tunisia: Bir bou Rekbah.
Type material:

Syntype (♂): Condition: Antennae broken, the right one glued. – Labels: 1. "*E. nerii* Voss.; Type; Bir bou Rekbah Tunesien [leg.] Vosseler 1901". – 2. "Bir Bou Rekba Tunis 26.6.01, Vosseler". – 3. "Typus". – 4. "DORSA STstenerS01".
Syntype (♂): Condition: Right antenna missing. – Labels: 1. "*E. nerii* Voss.; Cotype; Bir bou Rekbah Tunesien [leg.] Vosseler 1901". – 2. "Bir Bou Rekba Tunis 26.6.01, Vosseler". – 3. "DORSA STstenerS02".
Syntype (♂): Condition: Antennae broken; left fore leg missing. – Labels: Same data as above, but without "type" label.
Syntype (♂): Condition: Good. – Labels: Same data as above, but without "type" label.
Syntype (♂): Condition: Right antenna broken; hind legs and left fore leg missing. – Labels: Same data as above, but without "type" label.
Syntype (♀): Condition: Antennae broken; left fore tarsus missing. – Labels: Same data as above, but without "type" label.
Syntype (♀): Condition: Right hind leg missing. – Labels: Same data as above, but without "type" label.

Subsequent citations: Bolívar 1907: 44, 54 [*Uromenus*]; Chopard 1943: 144 [synonym of *Steropleurus algericus*]; Nadig 1981: 625 [not synonym of *Uromenus* (*Steropleurus*) *algericus*].
Code numbers: OSF ID: 1802; DORSA species ID: #20438C.

Uromenus (*Uromenus*) *vosseleri* (Krauss, 1893)

Original combination: *Ephippigera vosseleri.*
Reference: Krauss 1893: 96.
Type locality: Algeria: Tessala.
Type material:

Syntype (♂): Condition: Antennae broken; *Anthrenus* trace at left antenna. – Labels: 1. "6068. Type *E. Vosseleri* Krauss; Dj. el Tessala Oran [leg.] Dr. Vosseler 1892". – 2. "Typus". – 3. "*E. Vosseleri* Krauss. ♂. Type! Tessala". – 4. "DORSA STurovosS01".
Syntype (♀): Condition: Apex of left antenna missing, left antenna once, right one two times glued. – Labels: 1. "Tessala VII 92". – 2. "Allotypus". – 3. "*E. Vosseleri* Krauss. ♀. Type! Tessala". – 4. "DORSA STurovosS02".

Further type material: BMNH, UMOU (OSF), NHMW.
Subsequent citations: Krauss & Vosseler 1896: 548 [*Ephippigera*]; Finot 1896: 541, 554 [*Ephippiger*]; Bolívar 1907: 43, 50; Uvarov 1935: 82; Chopard 1943: 148, 151f.; Ebner & Beier 1964: 45; Nadig 1994: 938.
Code numbers: OSF ID: 1852; DORSA species ID: #20483C.

2.5.1.2 Conocephalinae Redtenbacher, 1891

Eucaulopsis truncata Hebard, 1931

Original combination: *Eucaulopsis truncata.*
Reference: Hebard 1931: 281.
Type locality: Argentina: Formosa, San José.
Type material:

Holotype (♂): Condition: Right antenna broken. – Labels: 1. "San Jose, N-Arg, X.[19]25. LINDNER., D. Chaco-Exped.". – 2. "*Eucaulopsis truncata* Hebard Type, ♂". – 3. "Typus". – 4. "DORSA STeuctruS01".

Paratype (♀): Condition: Valvae diverging. – Labels: 1. "San Jose, N-Arg, X.[19]25. LINDNER., D. Chaco-Exped.". – 2. "*Eucaulopsis truncata* Hebard Allotype, Paratype, ♀". – 3. "Paratypus". – 4. "DORSA STeuctruS02".

Code numbers: OSF ID: 2998; DORSA species ID: #999394A.

Pseudorhynchus pungens werneri Karny, 1907

Original combination: *Pseudorhynchus werneri.*
Reference: KARNY 1907: 279.
Type locality: East Africa: Uganda, Gondokoro.
Type material:

Paralectotype (♂): Condition: Right antenna broken; left fore and mid leg and distal tarsal segments of right hind leg missing. – Labels: 1. "*Pseudorhynchus Werneri* Karny ♂, Cotype. Gondokoro, Uganda, WERNER leg. III.1905". – 2. "Gk 14.3". – 3. "Paratypoid". – 4. "DORSA STpsewerS01".

Notes: Type specimen(s) of *P. pungens pungens* Schaum, 1853 stored in MNHU (OSF), reference see SCHAUM 1853: 778.
Subsequent citations: KARNY 1912: 25; RAGGE 1969: 184 [downgraded from *P. werneri*; lectotype designation].
Code numbers: OSF ID: 2646; DORSA species ID: #21394C.

2.5.1.3 Hetrodinae Brunner von Wattenwyl, 1878

Eugaster lucasi Krauss, 1893 [not Kirby, 1891]

Current classification: *Eugaster guyoni* (Serville, 1839).
Original combination: *Eugaster lucasi.*
Reference: KRAUSS 1893: 96.
Type locality: Algeria: Mecheria, Oran.
Type material:

Holotype (♂ nymph): Condition: Left antenna missing; legs arranged below body. – Labels: 1. "6074. Type *E. guyoni* Serv. var. *lucasi* Krauss; Mecheria Oran [leg.] Dr. VOSSELER 1892". – 2. "0/45 Holotypus". – 3. "DORSA STeuclucS01". – 4. [handwritten and folded label] "Bereits 1891, also 1 Jahr bevor dieses Tier gefangen wurde, erschien die Beschreibg. dieser var. von KIRBY nach 1 Expl. im Mus. London! also keine Type" [In 1891, one year before this specimen was collected KIRBY published the description of this var. after a specimen in London museum! so this is no type].

Notes: This is the holotype of *E. guyoni* var. *lucasi* Krauss, 1893. It has sometimes been confused with the taxon *E. lucasi* Kirby, 1891. *E. guyoni* var. *lucasi* Krauss, 1893 and *E. lucasi* Kirby, 1891 are subjective synonyms (and homonyms) but are based on different type material. – Reference to *Eugaster guyoni* (Serville) see SERVILLE 1838: 464 [*Hetrodes* (*Eugaster*)].
Subsequent citations: KIRBY 1892: 295 [*guyoni* forma *lucasi*]; FREY-GESSNER 1897: 108 [*Gujoni* var. *Lucasii*]; KRAUSS & VOSSELER 1896: 552; KIRBY 1906: 159; BOLÍVAR 1914: 227; CAUDELL 1916a: 8; CHOPARD 1941: 156; WEIDNER 1941: 288; CHOPARD 1943: 168; MORALES AGACINO 1950: 195; WEIDNER 1955: 159.
Code numbers: OSF ID: 3288; DORSA species ID: SP112638T and #21587C (synonym).

2.5.1.4 Meconematinae Kirby, 1906

Proamytta (Archamytta) kamerunensis Beier, 1965

Original combination: *Proamytta kamerunensis.*
Reference: Beier 1965: 223.
Type locality: Cameroon: Mundame.
Type material:

Paratype (♀): Condition: Left antenna broken; mid legs, left hind leg and right fore leg missing. – Labels: 1. "Kamerun, Batoki, 25.II.-9.III.1954, M. Eisentraut leg.". – 2. "*Amytta kamerunensis* n. sp. ♀ det. Beier". – 3. "Allotype". – 4. "Paratype". – 5. "DORSA STprokamS01".

Further type material: Holotype (♂) stored at NHMW (OSF).
Subsequent citations: Gorochov 1993: 79 [*Proamytta* (*Archamytta*)].
Code numbers: OSF ID: 3445; DORSA species ID: #22080C.

Xiphidiola (Xiphidiola) exorbitans (Beier, 1965)

Original combination: *Amyttina exorbitans.*
Reference: Beier 1965: 204, 212.
Type locality: Cameroon: Mundame.
Type material:

Paratype (♀): Condition: Broken; right fore and hind leg and claw segment of left hind leg missing. – Labels: 1. "Kamerun, Melende-Banga, 8.XII.1957, 125 m, leg. H. Knorr". – 2. "*Amytta exorbitans* n. sp. ♀ det. Beier". – 3. "Allotype". – 4. "Paratype". – 5. "DORSA STxipexoS01".

Further type material: Holotype (♂) stored at NHMW (OSF).
Subsequent citations: Beier 1966: 260.
Code numbers: OSF ID: 3566; DORSA species ID: #21868C.

2.5.1.5 Mecopodinae Karsch, 1891

Corycoides abruptus (Krauss, 1890)

Original combination: *Corycus abruptus.*
Reference: Krauss 1890a: 325, 354.
Type locality: Gabon.
Type material:

Holotype (♂): Condition: Left fore tarsus missing, otherwise in good condition. – Labels: 1. "*Corycus* Sauss. Catal. 62.M.II.p.36g". – 2. "*C. abruptus* Krss. n. sp., Gabun, 2 ad. I##. 35#, v. Koppenfels [18]85". – 3. "*C. abruptus* Krss. ♂ Type! Fig. 2". – 4. "Typus". – 5. "498". – 6. "DORSA STcorabrS01".

Notes: The specimen is figured with the original description.
Subsequent citations: Redtenbacher 1892: 221f [*Corycus*]; Sjœstedt 1901: 25 [*Corycus*]; Bolívar 1906: 367 [*Corycus*]; Griffini 1906: 379 [*Corycus*]; Kirby 1906: 367 [*Corycus*]; Sjœstedt 1912: 17 [*Corycus*]; Rehn 1914: 184 [*Corycus*]; Caudell 1916b: 22 [*Corycus*]; Bruner 1922: 129 [*Corycus*]; Ebner 1943: 262; Chopard 1955b: 48; Beier 1966: 295.
Code numbers: OSF ID: 3729; DORSA species ID: #22234C.

Corycoides greeffi (Krauss, 1890)

Original combination: *Corycoides greeffi.*
Reference: Krauss 1890a: 352, 356–358.
Type locality: West Africa: St. Thome.
Type material:

Paralectotype (♂): Condition: Only scapi of antennae existent; left hind tarsus and right hind leg missing. – Labels: 1. "*C. Greeffi* Krss. ♂ Type! Fig. 5". – 2. "Rotas Dec. [18]86". – 3. "Typus". – 4. "DORSA STcorgreS01".

Notes: Specimen figured with original description; also mentioned as lectotype in previous handwritten Stuttgart catalogue (designator unknown).
Subsequent citations: Redtenbacher 1892: 221f; Kirby 1906: 367; Caudell 1916b: 22; Bruner 1922: 130 [all *Corycus*]; Beier 1966: 295.
Code numbers: OSF ID: 3731; DORSA species ID: #22235C.

2.5.1.6 Phaneropterinae Burmeister, 1838

Brycoptera lobata Ragge, 1981

Original combination: *Brycoptera lobata.*
Reference: Ragge 1981: 328.
Type locality: Angola: Dala Tando [Salazar].
Type material:

Paratype (♂): Condition: Right hind leg missing. – Labels: 1. "Kamerun, Nyassosso, 1954, M. Eisentraut leg.". – 2. "*Brycoptera lobata* sp. n. Paratype det. D.R. Ragge, 1980". – 3. "1". – 4. "Paratype". – 5. "DORSA STbrylobS01". – Two further labels are added in the drawer: 6. "I am sending you under separate cover a male paratype of *Brycoptera lobata* Ragge (Orthoptera: Tettigoniidae), a new genus and species of Phaneropterinae. The description will be published during the next year or two. This specimen was lent to me many years ago by the late Willi Richter. This genus seems to have no close relative, but it could be placed next to *Preussia* in your collection". – 7. [signature:] "David R. Ragge".

Further type material: Holotype (♂) located at BMNH (OSF).
Code numbers: OSF ID: 4098; DORSA species ID: #23382C.

[*Eurycorypha aequatorialis* Krauss, 1890]

Original combination: *Eurycorypha aequatorialis.*
Reference: Krauss 1890b: 663.
Type locality: Gulf of Guinea: Rolas Island.
Type material:

Holotype (♀): According to OSF the holotype must be located at SMNS but the specimen was not found. Presumably it is lost.

Subsequent citations: Kirby 1906: 463; Giglio-Tos 1907: 18.
Code numbers: OSF ID: 5321; DORSA species ID: [not registered yet].

Eurycorypha cuspidata Krauss, 1901

Original combination: *Eurycorypha cuspidata.*
Reference: Krauss 1901: 292.
Type locality: Namibia: Okahandya and Windhoek.

Type material:

Syntype (♂): Condition: Left antenna broken, the right one missing; wings spread; *Anthrenus* traces at left elytra and right side of head. – Labels: 1. "7.II. [18]94 [only date readable] / Okahandya S.W.Afr. SANDER II 94 9464". – 2. "*Eurycorypha acuminata* Krauss, ♂. Type!". – 3. "Paratypoid". – 4. "DORSA STeuracuS02".

Syntype (♂): Condition: Left antenna broken, the right one missing; apical third of left hind tibia missing. – Labels: 1. "Gr. Windhoek 9.III. [18]94 Ab#### bei der La##g#". – 2. "*Eurycorypha acuminata* Krauss, ♂. Type!". – 3. "Paratypoid". – 4. "DORSA STeuracuS03".

Notes: The species was described as *E. cuspidata* not as *E. acuminata*! There is another specimen which is labelled as type:

(♂): Condition: Wings spread; left mid tarsus, right fore and mid leg missing. – Labels: 1. "Gr. Windhoek S.W. Africa, Sander V [18]94 9464". – 2. "*Eurycorypha acuminata* Krauss, ♂. Type!". – 3. "Typus". – 4. "DORSA STeuracuS01".

This specimen cannot belong to the type-series because the description refers only to the two males collected in Okahandya (February) and Windhoek (March).

Subsequent citations: KIRBY 1906: 462.

Code numbers: OSF ID: 5331; DORSA species ID: #23628C.

Holochlora brevifissa Brunner von Wattenwyl, 1878

Original combination: *Holochlora brevifissa*.

Reference: BRUNNER VON WATTENWYL 1878: 175, 178.

Type locality: Sri Lanka [Ceylon].

Type material:

Syntype (♀): Condition: Antennae broken, only left femur of fore legs existent, left mid leg and claw segments of hind legs missing. – Labels: 1. "Type Brunn, *Holochlora brevifissa* Brunn. ♀ Ceylon Type!". – 2. "Typus". – 3. "128". – 4. "DORSA STholbreS01".

Syntype (♀): Condition: Fore legs missing. – Labels: 1. "*Holochlora brevi-fissa* Br.". – 2. "Type Brunn.". – 3. "Paratypoid". – 4. "189". – 5. "DORSA STholbreS03".

Syntype (♂): Condition: Antennae broken, only femur of right mid leg existent. – Labels: 1. "Type Brunn.". – 2. "Paratypoid". – 3. "DORSA STholbreS02".

Further type material: MHNG (OSF).

Subsequent citations: BRUNNER VON WATTENWYL 1891: 90f; KIRBY 1906: 431; BEY-BIENKO1954: 111.

Code numbers: OSF ID: 4720; DORSA species ID: #22774C.

Nephoptera richteri (Bey-Bienko, 1958)

Original combination: *Pseudanerota richteri*.

Reference: BEY-BIENKO 1958: 1.

Type locality: Iran: Anbar-Abad (Djiroft).

Type material:

Holotype (♀): Condition: Left antenna broken, only scapus of right one existent; right fore leg and mid tarsus missing. – Labels: 1. "S.O. Iran (Djiroft) Anbar-Abad, 1.-18.V.1956, W. RICHTER leg.". – 2. "*Pseudanerota richteri* m. typus, BEY-BIENKO 1957 det.". – 3. "Typus". – 4. "DORSA STpsericS01".

3 Paratypes (♂♂): Condition: Most antennae broken. – Labels: Same labels as holotype, except the following different data: "21.-30.IV.1956" and "1.-18.V.1956" on label 1, "p.-typ." on label 2, "Paratypoid" on label 3, and "DORSA STpsericS02–04" on label 4.

7 possible paratypes (5 ♂♂, 2 ♀♀): Condition: Most antennae broken. – Labels: Only with locality labels (same locality as holotype), but different data: 1 ♂ "1.-18.V.1956"; 4 ♂♂

"21.-30.IV.1956"; 1 ♀ "1.-18.V.1956"; 1 ♀ "21.-30.IV.1956". – These specimens may possibly be paratypes although they bear no paratype labels.

Subsequent citations: RAGGE 1959: 425 [*Nephoptera*].
Code numbers: OSF ID: 4964; DORSA species ID: #23024C.

Odontura (*Odontura*) *quadridentata* Krauss, 1893

Original combination: *Odontura quadridentata*.
Reference: KRAUSS 1893: 96.
Type locality: Algeria: Tessala.
Type material:

Syntype (♂): Condition: Antennae broken; left mid leg missing. – Labels: 1. "6053. ♂ ♀. Type. *O. quadridentata*, Dj. el Tessala, Oran. Dr. VOSSELER 1892". – 2. "Tessala". – 3. "DORSA STodoquaS01".
Syntype (♂): Condition: Antennae broken; left fore tarsus and hind leg missing. – Label: "Tessala VII/92".
Syntype (♂): Condition: Antennae broken; left fore tibia, right hind leg and distal tarsal segments of left mid leg missing. – Label: "Tessala VII/92".
Syntype (♀): Condition: Only scapus of left antenna existent, the right one broken; right hind leg, left hind tarsus and some distal segments of left fore leg missing. – Labels: 1. "6053. ♂ ♀. Type. *O. quadridentata* Krauss, Dj. el Tessala, Oran. Dr. VOSSELER 1892". – 2. "Tessala VII/92". – 3. "DORSA STodoquaS02".
Syntype (♀): Condition: Left antenna broken, only scapus of right one existent; claw segment of right mid leg missing. – Label: "Tessala VII/92".
Syntype (♀): Condition: Antennae broken. – Label: "Tessala VII/92".

Subsequent citations: FINOT 1895: 658 [as synonym of *Odontura terniensis*]; KRAUSS & VOSSELER 1896: 544, pl. 7. fig. 9; KIRBY 1906: 387; RAGGE 1968: 91 [catalogue]; LLORENTE & PINEDO 1990: 167.
Code numbers: OSF ID: 4932; DORSA species ID: #22974C.

Scaphura argentina (Hebard, 1931)

Original combination: *Gymnocera argentina*.
Reference: HEBARD 1931: 276.
Type locality: Argentina: Misiones, Loreto Experiment Station.
Type material:

Paratype (♀): Condition: Antennae broken; claw segment of right hind leg missing. – Labels: 1. "Tapikiole-Arg. XII.25-I.26 LIND D.Chaco-Exped.". – 2. "*Gymnocera argentina* Hebard, Allotype ♀ Paratype". – 3. "Typus". – 4. "DORSA STscaargS01".

Further type material: The holotype (♂) is located at PANS (OSF).
Subsequent citations: GRANT 1958: 3 [*Scaphura*].
Code numbers: OSF ID: 5389; DORSA species ID: #23687C.

2.5.1.7 Pseudophyllinae Beutenmüller, 1894

Championica (*Auchenacophora*) *cristulata* Brunner von Wattenwyl, 1895

Original combination: *Championica cristulata*.
Reference: BRUNNER VON WATTENWYL 1895: 112.
Type locality: Central America: Unknown [species known from Nicaragua and Panama].
Type material:

Holotype (♂ penultimate nymph): Condition: Left antenna broken, of right antenna only scapus existent. – Labels: 1. "origin. 5374. n###., *Ac. cristulata* Br. Larva. Merke. 1893". – 2. "*Acanthodis* Serv." - 3. "3".

Subsequent citations: Saussure & Pictet 1897–1899: 407; Kirby 1906: 313 [*Orpacophora*]; Beier 1954: 299; Beier 1962: 255 [*Championica* (*Auchenacophora*)].

Code numbers: OSF ID: 7604; DORSA species ID: #953C.

2.5.1.8 Tettigoniinae Krauss, 1902

Antaxius (*Chopardius*) *beieri* Harz, 1966

Original combination: *Antaxius beieri.*

Reference: Harz 1966b: 21.

Type locality: Switzerland: Ticino, Sonogmo, Val Verzasca.

Type material:

Holotype (♂): Condition: Right antenna broken, the left one missing; right fore tarsus and hind tarsi missing; genitalia mounted on separate mounting card. – Labels: 1. "Sonogno, Val Verzasca, Tessin, F.A. Kipp leg. 5.8.[19]52". – 2. "*Antaxius beieri* Harz ♂, Kurt Harz det.". – 3. "Holotypus". – 4. "DORSA STantbeiHTM".

Notes: As the depository of the type specimen was repeatedly given as "Ludwigsburg" in the literature it should be noted that the museum and its collections have been located in Stuttgart since 1985. Apart from the holotype there are no further specimens of this species in the SMNS collection.

Subsequent citations: Harz 1969: 463; Nadig 1987: 329; Thorens & Nadig 1997: 93.

Code numbers: OSF ID: 8022; DORSA species ID: #25775C.

Ariagona margaritae Krauss, 1892

Original combination: *Ariagona margaritae.*

Reference: Krauss 1892: 170.

Type locality: Canary Islands.

Type material:

Syntype (♂): Condition: Good; not set. – Labels: 1. "Hierro". – 2. "*Ariagona margaritae* Krauss. Hierro (Simony) ♂. Type!". – 3. "Orth. 44 Holotype". – 4. "ex Coll. Dr. H. Krauss Tübingen". – 5. "DORSA STarimarS01".

Syntype (♀): Condition: Right antenna glued; claw segment of right hind leg missing. – Labels: 1. "Orotava ##89#". – 2. "Type! *Ariagona margaritae* Krauss. ♀ Orotava leg. König Febr. 1889 Type!". – 3. "Orth. 44 Allotypus". – 4. "ex Coll. Dr. H. Krauss Tübingen". – 5. "DORSA STarimarS02".

Subsequent citations: Kirby 1906: 196; Caudell 1908: 33; Bland et al. 1996: 169.

Code numbers: OSF ID: 8041; DORSA species ID: #25791C.

Metrioptera (*Metrioptera*) *ambigua* Pfau, 1986

Original combination: *Metrioptera ambigua.*

Reference: Pfau 1986: 2.

Type locality: Spain: Navia de Suarna E Lugo.

Type material:

Holotype (♂): Condition: Right fore leg missing; genitalia mounted on separate mounting card. – Labels: 1. "*Metrioptera ambigua* ♂; Holotypus, Navia de Suarna E Lugo, N-Spanien 400 m 24.9.[19]83, leg. PFAU/SCHROETER". – 2. "Holotypus ♂". – 3. "DORSA STmetambHTM".

Paratype (♂): Condition: Genitalia mounted on separate mounting card. – Labels: 1. "*Metrioptera ambigua* ♂, ♀; Paratypen, Navia de Suarna E Lugo, N-Spanien 400 m 24.9.[19]83, leg. PFAU/SCHROETER". – 2. "Paratypus ♂". – 3. "DORSA STmetambS02".

Paratype (♀): Condition: Left hind leg missing. – Labels: 1. "N-Spanien, Navia de Suarna E Lugo 400 m 24.9.1983, leg. PFAU/SCHROETER". – 2. "Paratypus ♀". – 3. "DORSA STmetambS03".

Subsequent citations: HELLER 1988: 112.
Code numbers: OSF ID: 8230; DORSA species ID: #25959C.

Platycleis (*Montana*) *richteri* Bey-Bienko, 1958

Original combination: *Platycleis richteri*.
Reference: BEY-BIENKO 1958: 6.
Type locality: Northern Iran: Sharoud in Tash.
Type material:

Holotype (♀): Condition: Only scapus of right antenna existent; good condition. – Labels: 1. "Iran Scharoud i. Tasch, 2500–3000 m, 4.VIII.1952, K. KRELL leg.". – 2. "*Platycleis* (*Montana*) *richteri* m. Bey-Bienko 1957 det., typus". – 3. "Typus". – 4. "DORSA STplaricHTM".

Subsequent citations: RAGGE 1990: 9.
Code numbers: OSF ID: 8614; DORSA species ID: #26294C.

Scotodrymadusa cincta Bey-Bienko, 1958

Original combination: *Scotodrymadusa cincta*.
Reference: BEY-BIENKO 1958: 5.
Type locality: Iran: Central, Calle near Kashan.
Type material:

Holotype (♂): Condition: Right fore leg missing. – Labels: 1. "Iran Calle b. Kashan, 1600 m., VII.1955, F. SCHÄUFFELE". – 2. "*Scotodrymadusa cincta* m. 1957 typus Bey-Bienko det.". – 3. "Typus". – 4. "DORSA STscogedS02".

Paratype (♂): Condition: Right mid leg missing. – Labels: Same as holotype, but "DORSA STscogedS03".

Paratype (♀): Condition: Good. – Labels: Same as holotype, but "DORSA STscogedS04".

Paratype (♀): Condition: Right mid leg missing. – Labels: Same as holotype, but "DORSA STscogedS05".

Paratype (♀): Condition: Only scapi of antennae existent. – Labels: Same as holotype, but "DORSA STscogedS06".

Code numbers: OSF ID: 8771; DORSA species ID: #26483C.

Scotodrymadusa gedrosica Bey-Bienko, 1958

Original combination: *Scotodrymadusa gedrosica*.
Reference: BEY-BIENKO 1958: 4.
Type locality: Iran: Baluchistan, SE, Sangun, E of Kuh-i-Taftan.
Type material:

Holotype (♂): Condition: Very good; genitalia mounted on separate mounting card. – Labels: 1. "Iran Belutschistan, Sangun 1650 m. östl. Kuh i Taftan, 4.-18.VI.1954, W.

RICHTER leg.". – 2. "*Scotodrymadusa gedrosica* typ. Bey-Bienko 1957 det.". – 3. "Typus". – 4. "DORSA STscogedS01".

Code numbers: OSF ID: 8773; DORSA species ID: #26485C.

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